SEQUENCE LISTING

<110> Clendennen, Stephanie K.
Kellogg, Jill A.

<120> MELON PROMOTERS FOR EXPRESSION OF TRANSGENES IN PLANTS

<130> 4257-0025.30

<140> US 09/811,093
<141> 2001-03-16

<150> US 60/190,414
<151> 2000-03-17

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<170> PatentIn version 3.1

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<222> (1)..(1)
<223> 5' nucleotide modified to include phosphate group

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gagctcggat ccactagtaa cggccgccag tgtgctggaa ttcggcttac tatagggcac     120

gcgtggtcga cggcccgggc tggtaacttt aagagaaatt ggtaaaattc ctagagagaa     180
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ttgtaattaa tataggagaa tgattttaat tctaatgttg tatccatttt cgataaagtt    240

aaataaagtg tcgtagacga ccatcattct taatccattt gtacttatca aatttgtatc    300

tgagatttaa gttcaaattc acactaaaac aatcgaaatg tatgcgacaa tcacaatgga    360

aaatacgtat gatgtattcc atcacctttc aagttctaac ctaggatatg ttttggaata    420

tttgagattt attaaattat tcttttatcc gttgacagtt tattttttgt ttaacgatgt    480

atgtaagaaa cgacgaaata tgtgattaaa ccaagatcgc atacaaataa gagctagatc    540

ctaaagatat ataaaagtat gatcaacaac gtacaaaacg tttcttttcg atgataatta    600

tcttaagaac ttcaaggtta atttagatct cttaattaaa aaatttcata gataatgcat    660

ccgtgaacaa gaaaaaacat aaagaaccca tggttgtcct aatttttgta gtaaataagc    720

gtagttcaag acacaagtaa gaatgacgtt accacatgtt aatctagatt ccaaaacttg    780

agcttgagag cacgttacga aaataatcta cgaaaacgag taagtcgtct aagttcgttt    840

tcgtttattt gacacgtaag atactcgtat tgaaagaaga cgaaaaatgg aaaaaagtaa    900

agaaggtaag gaggtgggtg agtccaaagg aaacatacca aattcatgca agaactatga    960

gattcagaaa ttaagagaaa agtgtggaaa tcatgtaact aaatttaaaa tacatatagg   1020

tactattttc tttccttttc tattgaaaca aagagaccaa gggggaatta gggtatatgg   1080

cattggcaga cataaaaata ataagttaa atcaaattgg gtcccaaact caccaaagag   1140

gaaattcagt gttgaataaa gccaattagc caaagccaaa gccaagcca cctcctctct   1200

ttcccacata catgcatgaa atttcatggg cccattcttt ttatcatcac atttttaata   1260

attttatctt cttcttcttc ttcttcttct tcttcttctt cttcttcttc ttcttcttct   1320

ttttttaatc aatttcttcc cactttccaa tcctaaataa atttcactat aaataccct   1380

tcattataac ttgatccaac acacccacca accaaaaaca aaaccttgat accaaagagt   1440

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agttaaataa agtgtcgtag acgaccatca ttcttaatcc atttgtactt atcaaatttg   180

tatctgagat ttaagttcaa attcacacta aaacaatcga aatgtatgcg acaatcacaa   240

tggaaaatac gtatgatgta ttccatcacc tttcaagttc taacctagga tatgttttgg   300

aatatttgag atttattaaa ttattctttt atccgttgac agtttatttt ttgtttaacg   360

atgtatgtaa gaaacgacga aatatgtgat taaaccaaga tcgcatacaa ataagagcta   420

gatcctaaag atatataaaa gtatgatcaa caacgtacaa aacgtttctt ttcgatgata   480

attatcttaa gaacttcaag gttaatttag atctcttaat taaaaaattt catagataat   540

gcatccgtga acaagaaaaa acataaagaa cccatggttg tcctaatttt tgtagtaaat   600

aagcgtagtt caagacacaa gtaagaatga cgttaccaca tgttaatcta gattccaaaa   660

cttgagcttg agagcacgtt acgaaaataa tctacgaaaa cgagtaagtc gtctaagttc   720

gttttcgttt atttgacacg taagatactc gtattgaaag aagacgaaaa atggaaaaaa   780

gtaaagaagg taaggaggtg ggtgagtcca aaggaaacat accaaattca tgcaagaact   840

atgagattca gaaattaaga gaaaagtgtg gaaatcatgt aactaaattt aaaatacata   900

taggtactat tttctttcct tttctattga aasraagaga nnaaggggga attagngtat   960

atggcattgg cagacataaa aataataaag ttaaatcaaa ttgggtccca aactcaccaa   1020

agaggaaatt cagtgttgaa taaagccaat tagccaaagc caaagccaaa gccacctcct   1080

ctctttccca catacatgca tgaaatttca tgggcccatt cttttttatca tcacattttt   1140

aataatttta tcttcttctt cttcttcttc ttcttcttct tcttcttctt cttcttcttc   1200

ttctttttttt aatcaatttc ttcccacttt ccaatcctaa ataaatttca ctataaatac   1260

cccttcatta taacttgatc caacacaccc aggatccatt attagagatt gagccatgg    1319
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actatagggc acgcgtggtc cacggcccgg gctggtaact agaagctaaa ggacgacgtc         180

aacataatta aaattactcc aagataatta aaattaaaaa tatcttatat tttatggcgt         240

tacatcttcc tttcctcttc ttcttttttc tgctgcgatt tcttcccatc tatttcttct         300

tttactctta ttttttttctt tacattgttt agatttgggt aaccaaatct gatttctttc        360

tatcgtcttt cttctttttc tcttttttttt tccgctgcga tttcttccca ttgtctatcg        420

ttttttcctc ttttttttttt tacatcgtaa ccaaatctaa aagatcgtat ataaagaatc        480

ttcaaaaaaa aaaattgttt agattggagt agccaaattt aaacaatcgc gtaaaaaaaa         540

taaacgatcg tagacaaatc taaacgatcg tgcacaaaaa gatttaaaaa aatcgtttag        600

tcaaatctaa acaattgtat aaccaaatta aacgatagaa ttgaaataat aaatcggtta         660

gatttggcta tccaaattta aatgaccaaa tctaaacgat cgtataccaa atctaaacga        720

tcgkatacca aatctaaatg atcatgtacc aaatatatta tgcacattgt tggcagggtg        780

gttgacggaa cattttgtat attttctatt atgggtttgt agaattttttt cattttcgaa        840

attgttctat acaatataaa tataaatatt ttaccacttc gttatatttt cgaaaagacc        900

ccttaaataa attgaattcg catataatta aaattttttc ccaaaaaaag tagactatgt        960

ctatctaaaa atttgattcc caatatagaa caaattctca aaatgaacaa acatttgaaa       1020

ttctcgatat agaaaacatt tacttatttt gaattgggac atattccaaa gtttattcca       1080

aacgtaactt tgaaggaaaa gttgattgag attacatcca tatttttgtt tttcatattg       1140

aatttcatgg aaaattaaaa tgcacacaaa atgatgtatg agattaaacc aaagtttatc       1200

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tttatataac attttaataa ctaaatgatg tgacacacac taatattatt tttatccaaa       1500

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aaataaaatt taattatata attcatttca tctaatcgta caagctagat attactatat       1620

caacaacttt gtgtataaaa agggcaagaa attaagcatt atcgtgtgag ccacttttttc      1680
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atgtaggtgt cgggagatgc tacctatctg ctgatgttgg tttctttctt tgaaagatac     240

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ccgtttttcta gttgttccgg caaacacgca ttcgagacgg gacgttcatg tcgcatacca     720

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ccacaagacg gccagtgtga gtagttccac gacctcatgt ttgtagtcca cggtagagct     1020

ccaattatgg actaagcttg atcaagctgt gcaacggatt gaagaacaaa caagaaatca     1080

cgatgcgtta gcttcaaaag tggaatgaat gtgaaagttc atagaagaca tgagtcgggc     1140

acagtaagga ccacaacatt atctttagct ttgcgatacg tatanntatt tccattattc     1200
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13

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tacgatttc tttgtgcttt ttttaacgag gaatattttt tatttgtatt atgaactta    1380

ttacatttct tgaatttctt tgtattatga agatttaatt ttttgttgaa tttttgtttg   1440

tattttgtaa tttactaatt tattttaaat tttctttaat tgaatcgata acgaatgcaa   1500

atattttacg aaaaaaactt ataggaaaat atttcaaaaa aataaaaaat tacatattta   1560

aaatatttt cgacgcatta catatgtgga aaatatggtg caaacatcac atcggggatg    1620

gttattaccg acgcatgaat gacaccgaat atataaacgt aaggaatagt tattcctgac   1680

gcataactgc tgtcggaact gtggaagtta gttctcgaca ttattaacac ttacgtcgac   1740

gtttttatgc atcgggagtc gctccacttc ttgtagtgaa gaaattttgc ctataatgtc   1800

ggtttaaaac cgacattaaa ggccaaattt cttctagtgc ataatcaata tmcaaaagtt   1860

caattccaaa aattacattt ctctagaaat tccgtgtgaa caattgtcat aaaggtttta   1920

agtgaattga aaatttcaaa acgtaattgg attaagcgag aaaattattt taatcaccat   1980

tcaaaagtta ttaacaatga aaaatatgga agataagatt tcaaaattac gtaatttact   2040

tctacgtttc tttctttccc ctttagtaac ttcactcata tctttatata cgttccatcc   2100

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tatagggcac gcgtggtcga cggcccgggc tggtaaattt tgaaaagtta ggagatattt    180

tttacatata agagatattt tttataatgt aacattttt ttactagacg gttgagtcga     240

gttaggttaa agaaaggaaa actataaaat aattttaat tattaaatac ataaacaata     300

ctttgtattc tatattaatt aaaatgacta ttgaattgtt aagatgtagg tatctaagga    360
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caagaagtct cgagttcaaa tcttcaacct caaaatatac tgcaagatag taactaatga    420

attatatttg actaaatcat gtagcaaaag aaaatcaaat ttatcatgtt aaatatggtc    480

aagccggagc attaacaaca acaattcata tttgtggttg atagtacttg actagaattt    540

agagagtact tgactagaat aaaaattggg ggacccacta cgacgtcagc ttgccttgct    600

tagcaattaa gctatcacct cttagtctat agcttcgtgc gctgcattaa acggtattct    660

cacacttttc ttttcttttt accgcacccg tccggttaat ggctccccca cttttacct    720

tccccgaatc cacgccagtt gccaacatgc gaagcagcaa gtacaatatt gtcattttgc    780

attaaccaaa atgacacgtc ggatgtcatt tatgtaatta agctacaaag ccacggttag    840

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ttttcccggc accgactatg gcctc                                          985


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<220>
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cttgcagaag atggaggaag agaattttta gaaattgaac tgaaatagac ttaattatta    180

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aactttcctt ctgtatagat ataattgatg ttttccttaa ctttattttt atggtggtta    300

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15

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16

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